

Amendments to the Claims

Please amend Claims 1, 6, 8 and 9 to read as follows.

1. (Currently amended) A data processing method for processing data to be supplied to an ink jet printing apparatus, wherein the ink jet printing apparatus can perform a marginless printing for printing without providing margin on an edge of the print medium by ejecting ink onto an area inside the edge of the print medium and onto an overrunning area outside the edge based on recording data, the data processing method comprising steps of:

obtaining a value equivalent to a waste ink volume associated with the marginless printing; and

sending data representing the obtained value to the ink jet printing apparatus, wherein the value is obtained by counting a number of ink ejections to the overrunning area based on the recording data.

2. (Previously Presented) A data processing method according to claim 1, wherein the value is obtained for every page of the print medium or for every predetermined print area, and

the data representing the obtained value is sent successively to the ink jet printing apparatus.

3. (Previously Presented) A data processing method according to claim 1, wherein the value equivalent to the waste ink volume associated with the marginless printing is obtained by accumulating the values obtained for respective predetermined print areas, and

the data representing the accumulated value is sent to the ink jet printing apparatus.

Claims 4 and 5 (Cancelled).

6. (Currently amended) A data processing apparatus for supplying data to an ink jet printing apparatus, wherein the ink jet printing apparatus can perform a marginless printing for printing without providing margin on an edge of the print medium by ejecting ink onto an area inside the edge of the print medium and onto an overrunning area outside the edge based on recording data, the data processing apparatus comprising:

obtaining means for obtaining a value equivalent to a waste ink volume associated with the marginless printing; and

data sending means for sending data representing the value obtained by said obtaining means to the ink jet printing apparatus,

wherein said obtaining means obtains the value by counting a number of ink droplets to be ejected onto the overrunning area based on the recording data.

Claim 7 (Cancelled).

8. (Currently amended) A program for controlling an ink jet printing apparatus, wherein the ink jet printing apparatus can perform a marginless printing for printing without providing margin on an edge of the print medium by ejecting ink onto an area inside the edge of the print medium and onto an overrunning area outside the edge based on recording data, the program causing a computer to execute steps of:

obtaining a value equivalent to a waste ink volume associated with the marginless printing; and

sending data representing the obtained value to the ink jet printing apparatus, wherein the value is obtained by counting a number of ink ejections to the overrunning area based on the recording data.

9. (Currently amended) An ink jet printing system having an ink jet printing apparatus and a host for supplying print data to the ink jet printing apparatus, wherein the ink jet printing apparatus can perform a marginless printing for printing without providing margin on an edge of the print medium by ejecting ink onto an area inside the edge of the print medium and onto an overrunning area outside the edge based on recording data,

the host comprising:

waste ink volume obtaining means for obtaining a value equivalent to a waste ink volume associated with the marginless printing, the value being obtained by counting a number of ink droplets to be ejected onto the overrunning area based on the recording data;

and

data sending means for sending data representing the value obtained by said waste ink volume obtaining means to the ink jet printing apparatus;  
the ink jet printing apparatus comprising:  
an ink receiving member for receiving waste ink ejected onto the overrunning area during the marginless printing; and  
an accumulated value memory means for cumulatively adding up the value of data sent from the host and storing an accumulated value equivalent to waste ink volumes ejected onto the ink receiving member.

10. (Previously Presented) An ink jet printing system according to claim 9, wherein the ink jet printing apparatus further comprises:  
decision means for checking whether the accumulated value stored in said accumulated value memory means has exceeded a predetermined value; and  
sending means for sending warning data to the host when the accumulated value exceeds the predetermined value; and  
wherein the host further comprises:  
error display means for, according to the warning data sent from the ink jet printing apparatus, displaying on a screen an indication that the ink jet printing apparatus is in an error state.

11. (Previously Presented) An ink jet printing system according to claim 10, wherein, in the error state in which the accumulated value exceeds the predetermined value, at least one of the ink jet printing apparatus and the host performs at least one of displaying of the error and disabling of the operation of the ink jet printing apparatus.